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The invention relates to agriculture, namely to chemical compositions with properties of biologically active substances that can be used to reduce the negative impact of reactive oxygen species on corn and soybean plants and to reduce the oxidative degradation of cellular components.

A composition for cultivated plants is proposed, conditionally named Thiogalmet, comprising 66.7% of thiourea and 33.3% of a mixture of potassium, ammonium, magnesium gallates, potassium molybdate and ammonium paramolybdate, taken in a mass ratio of 1:1:1:0.1:0.1, respectively.

The technical result of the invention consists in providing an increase in the antioxidant properties of corn and soybean plants under conditions of optimal humidity by 27% and 17% and under conditions of insufficient humidity by 43% and 19%, respectively.

Claims: 1